

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO30542 Receipt Dates from 12/14/22

All Item ID/GL/WOs All Rec. Employees All Currencies

All Line Item Types

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Reev Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials C.A Ltd											
PO30542	13		M7075T6B1.250X2.0 f 00		12/11/2015	12/14/2015	18.3300	\$14.33	0.0000	0	\$262.68
CAD	No		7075-T6 BAR 1.250" f X 2.000" m133829		24.5000	DCUSER		\$262.68	0.0000	0	
	14		M7075T6B1.750X0.4 f 500		12/11/2015	12/14/2015	6.0000	\$47.73	0.0000	0	\$286.36
	No		7075-T6 BAR 1.750" f X 4.500" m133829		6.0000	DCUSER		\$286.36	0.0000	0	
	15		M7075T6B3.000X7.5 f 00		12/11/2015	12/14/2015	11.0800	\$100.71	0.0000	0	\$1,115.86
	No		7075-T6 BAR 3.000" f X 7.500" (order in billets) m133829		11.0800	DCUSER		\$1,115.86	0.0000	0	
	16		M7075T6B6.000X0.2 f 50		12/11/2015	12/14/2015	14.2708	\$13.78	0.0000	0	\$196.59
	No		7075-T6 BAR 6.000" f X 0.250" m133829		14.2708	DCUSER		\$196.59	0.0000	0	
Total Received Quantity:											49.6808
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,861.48
Total Balance Due Quantity:											0.0000

B I L L O F L A D I N G

No: PEC 968294

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 09Dec15 at 16:09 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-873901- 1 Your PO # 30542
 Part # thickness tol ++ .030.124" Rel #

ALUMINUM PLATE 7075-T651
 1.250" THICK X 2.0000" X 110.0000"

Heat Number Tag No
 9327144 483454

Quantity PCS Wt LBS
 3.06 SFT 2 62

2) Our Order PEC-873901- 2 Your PO # 30542
 Part # thickness tol ++ .030-.150" Rel #

ALUMINUM PLATE 7075-T651
 1.750" THICK X 4.5000" X 72.0000"

Heat Number Tag No
 9327019 483447

Quantity PCS Wt LBS
 2.25 SFT 1 60

3) Our Order PEC-873901- 3 Your PO # 30542
 Part # THICKNESS TOL ++ .030-.200" Rel #

ALUMINUM PLATE 7075-T651
 3.00" THICK X 7.5000" X 16.6250"
 GRAIN DIRECTION ALONG THE 16.625 INCH LENGTH

Heat Number Tag No
 9330316 483448

Quantity PCS Wt LBS
 6.93 SFT 8 314

4) Our Order PEC-873901- 4 Your PO # 30542
 Part # ** OFFERING LENGTH Rel #

ALUMINUM PLATE 7075-T651 US1 TESTED
 .250" THICK X 6.0000" X 34.2500"

Heat Number Tag No
 146059B1 483493

Quantity PCS Wt LBS
 7.14 SFT 5 27

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Ship From: B I L L O F L A D I N G
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 968294
Ship Date 09Dec15 at 16:09 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

TOTAL: Tags 4 PCS 16 LBS 463

Heat Number 9330316 *** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL 3 SKIDS GW 541 LBS

ITEM# 1 - 1 BDL
ITEM# 2 - 1 SKID
ITEM# 3 - 1 SKID
ITEM# 4 - 1 SKID

***** CLOSED FOR THE HOLIDAYS *****

ON DEC. 25TH & 28TH, 31ST & JAN. 1ST.

WE ARE OPENED FOR BUSINESS ON DEC. 24, 29 & 30.

HAVE A HAPPY HOLIDAY SEASON!

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA

CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

Page: 2Continued

ALUMINIUM - LAITON - CUIVRE - PLASTIQUE - ACIER INOX
ALUMINUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SHIP FROM:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: (1)
DART AEROSPACE

NO: PEC 968294
SHIP DATE 09Dec15 at 16:09 From PFW
PROBILL
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 3 Last

ALUMINIUM - LATION - CUIVRE - PLASTIQUE - ACIER INOX
ALUMINUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

PO/Rel

BL PEC-000000-000

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____ Pg 1/3

Attn:

PART NO.



Constellium



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC


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COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN
46544
US

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COPPER & BRASS SALES

PO BOX 5116
SOUTHFIELD MI
48086
US

COPPER&BR		110362780		4075		INCLUSION		Serial:20151113-0110362780		Pg 1of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564						Constellium ORDER NO. 149756					
ALLOY 7075	CLAD	TEMPER T651	GUAGE 1.28000 in 32.51 mm	WIDTH 72.50000 in 1,842 mm	LENGTH 147.00000 in 3,734 mm		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager				
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS QQ-A-250/12A											
PART NUMBER ALFLR00995			B/L NUMBER 51440		DATE SHIPPED 11/14/2015						
WT. SHIPPED 7060.000 LB			NO. OF PIECES 000005		GOVT. CONTRACT NO.						
ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:											
AMS 4045K ASTM B209-14 Load Details						DAS 14 15/12/26 9-89					
Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot					
1001151133	1,415.000	641.833	9327144	01							
1001151133	1,415.000	641.833	9327144	02							
1001151135	1,410.000	639.565	9327145	01							
1001151135	1,410.000	639.565	9327145	02							
1001154136	1,410.000	639.565	9327145	03							
Lot: 9327144											
Tensile Test (US)											
		Ultimate (KSI)		Yield (KSI)		Elongation (%)					
Direction	Tests	Min	Max	Min	Max	Min	Max				
LT	02	81.1	81.4	70.9	71.5	12.5	13				
Tensile Test (SI)											
		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)					
Direction	Tests	Min	Max	Min	Max	Min	Max				
LT	02	559	561	489	493	12.5	13				
P-860-155D REVISED: 10 2014											

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

PO/Rel

BL PEC-000000-000

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____ Pg 2/3

Attn:

PART NO.



Constellium



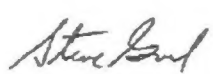
CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

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COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN
46544
US

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COPPER & BRASS SALES
PO BOX 5116
SOUTHFIELD MI
48066
US

COPPER&BR		110362780		4075		INCLUSION		Serial:20151113-0110362780		Pg 2of3																							
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564						Constellium ORDER NO. 149756																											
ALLOY 7075	CLAD	TEMPER T651	GUAGE 1.28000 in 32.51 mm	WIDTH 72.50000 in 1,842 mm	LENGTH 147.00000 in 3,734 mm		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager																										
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH																																	
CUSTOMER SPECIFICATION AMS QQ-A-250/12A																																	
PART NUMBER ALFLR00995			B/L NUMBER 51440		DATE SHIPPED 11/14/2015																												
WT. SHIPPED 7060.000 LB		NO. OF PIECES 000005		GOVT. CONTRACT NO.																													
Chemistry (Actual) <table border="1"> <thead> <tr> <th></th> <th>SI</th> <th>FE</th> <th>CU</th> <th>MN</th> <th>MG</th> <th>CR</th> <th>ZN</th> <th>TI</th> <th>ZR</th> <th>DAS</th> </tr> </thead> <tbody> <tr> <td>Core</td> <td>0.05</td> <td>0.14</td> <td>1.52</td> <td>0.06</td> <td>2.61</td> <td>0.20</td> <td>5.52</td> <td>0.02</td> <td>0.01</td> <td>14 15/12/16</td> </tr> </tbody> </table>													SI	FE	CU	MN	MG	CR	ZN	TI	ZR	DAS	Core	0.05	0.14	1.52	0.06	2.61	0.20	5.52	0.02	0.01	14 15/12/16
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR	DAS																							
Core	0.05	0.14	1.52	0.06	2.61	0.20	5.52	0.02	0.01	14 15/12/16																							
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																																	
All material contained in this lot was cast and manufactured in the USA																																	
Lot: 9327148																																	
Tensile Test (US)																																	
		Ultimate (KSI)		Yield (KSI)		Elongation (%)																											
Direction	Tests	Min	Max	Min	Max	Min	Max																										
LT	02	80.4	80.7	70.4	71.4	12	13																										
Tensile Test (SI)																																	
		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)																											
Direction	Tests	Min	Max	Min	Max	Min	Max																										
LT	02	554	556	485	492	12	13																										
P-860-155D REVISED: 10 2014																																	

THYSSENKRUPP MATERIALS NA

Certificate of Mill Test Results

PO/Rel

RI. PEC-000000-000

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: _____ Pg 3/3

Attn:

PART NO.



Constellium




CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

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COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN
46544
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COPPER & BRASS SALES
PO BOX 5116
SOUTHFIELD MI
48066
US

COPPER&BR		110362780		4075		INCLUSION		Serial:20161113-0110362780		Pg 3of3	
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564						Constellium ORDER NO. 149756					
ALLOY 7075	CLAD	TEMPER T651	GAUGE 1.28000 in 32.51 mm	WIDTH 72.50000 in 1,842 mm	LENGTH 147.00000 in 3,734 mm		CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 858 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager				
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS QQ-A-250/12A											
PART NUMBER ALFLR00985		B/L NUMBER 51440		DATE SHIPPED 11/14/2015							
WT. SHIPPED 7060.000 LB		NO. OF PIECES 000005		GOVT. CONTRACT NO.							
Chemistry (Actual)										DAS	
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR	14 15/12/16	
Core	0.05	0.14	1.52	0.06	2.61	0.20	5.52	0.02	0.01	9-89	
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER											
All material contained in this lot was cast and manufactured in the USA											
QUALITY TEXTS: Constellium Rolled Products Ravenswood, LLC (Constellium) certifies that all metals and materials supplied are in compliance with European Union Directives 2002/95/EC and 2011/65/EU. Constellium further certifies that a copy of these directives, which provides restrictions on the use of certain hazardous substances (RoHS) in electrical and electronic equipment, have been received and read in their entirety. Constellium understand and agrees, as a supplier that it is responsible for meeting the requirements of the RoHS and RoHS2 directives.											
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8: B557 DUNS Number: 090570149; CAGE Code: 1YWLS Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"											
P-880-155D REVISED: 10 2014											

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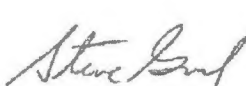
CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

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COPPER & BRASS SALES
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PO BOX 5116
SOUTHFIELD MI
48086
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COPPER&BR		110363456		4075		INCLUSION		Serial:20151116-0110363456		Pg 1of2	
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564						Constellium ORDER NO. 149340					
ALLOY 7075	CLAD	TEMPER T651	GUAGE 1.78000 in 45.21 mm	WIDTH 72.50000 in 1,842 mm	LENGTH 139.00000 in 3,531 mm	CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager					
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH											
CUSTOMER SPECIFICATION AMS QQ-A-250/12A											
PART NUMBER ALFLR00996			B/L NUMBER 51510		DATE SHIPPED 11/17/2015						
WT. SHIPPED 3740.000 LB		NO. OF PIECES 000002		GOVT. CONTRACT NO.							

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

AMS 4045K
ASTM B209-14
Load Details

DAS
14 1512/16
9-89

Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001152635	1,870.000	848.217	9327019	03		
1001152635	1,870.000	848.217	9327019	04		

Lot: 9327019

Tensile Test (US)

		Ultimate (KSI)		Yield (KSI)		Elongation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max
LT	02	78	79	68	68.3	14	14.5

Tensile Test (SI)

		Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)	
Direction	Tests	Min	Max	Min	Max	Min	Max
LT	02	538	545	469	471	14	14.5



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

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COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN
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COPPER & BRASS SALES
PO BOX 5116
SOUTHFIELD MI
48086
US

COPPER&BR		110363456		4075		INCLUSION		Serial:20151116-0110363456		Pg 2of2		
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564						Constellium ORDER NO. 149340						
ALLOY 7075		CLAD		TEMPER T654		GAUGE 1.78000 in 45.21 mm		WIDTH 72.50000 in 1,842 mm		LENGTH 139.00000 in 3,531 mm		
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH						CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager						
CUSTOMER SPECIFICATION AMS QQ-A-250/12A												
PART NUMBER ALFLR00996			B/L NUMBER 51510		DATE SHIPPED 11/17/2015							
WT. SHIPPED 3740.000 LB		NO. OF PIECES 000002		GOVT. CONTRACT NO.								
Chemistry (Actual)												
		SI	FE	CU	MN	MG	CR	ZN	TI	ZR		
Core		0.05	0.14	1.55	0.04	2.55	0.24	5.58	0.02	0.00		
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER												
All material contained in this lot was cast and manufactured in the USA												
QUALITY TEXTS: Constellium Rolled Products Ravenswood, LLC (Constellium) certifies that all metals and materials supplied are in compliance with European Union Directives 2002/95/EC and 2011/65/EU. Constellium further certifies that a copy of these directives, which provides restrictions on the use of certain hazardous substances (RoHS) in electrical and electronic equipment, have been received and read in their entirety. Constellium understand and agrees, as a supplier that it is responsible for meeting the requirements of the RoHS and RoHS2 directives. <div style="text-align: right;">DAS 14 9-89 15/12/16</div>												
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557 DUNS Number: 090570149; CAGE Code: 1YW19 Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"												
P-860-155D REVISED: 10 2014												

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CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

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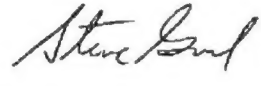
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COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN
46544
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COPPER & BRASS SALES
PO BOX 5116
SOUTHFIELD MI
48086
US

COPPER&BR		110351732	4075	INCLUSION		Serial:20151014-0110351732	Pg 1of2
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564				Constellium ORDER NO. 148960			
ALLOY 7075	CLAD	TEMPER T651	GUAGE 3.03000 in 76.96 mm	WIDTH 72.50000 in 1,842 mm	LENGTH 144.50000 in 3,670 mm		
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH						CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA 	
CUSTOMER SPECIFICATION AMS QQ-A-250/12A				DAS 14 9-89 15/2/16			
PART NUMBER ALFLR01006		B/L NUMBER 49885		DATE SHIPPED 10/14/2015			
WT. SHIPPED 3300.000 LB		NO. OF PIECES 000001		GOVT. CONTRACT NO.			
Steve Good - Laboratory Manager							

ALL LOTS ON THIS CERTIFICATION CONFORM TO THE FOLLOWING REQUIREMENTS:

AMS 4045K
ASTM B209-14

Load Details

Package	Net Lbs	Kg	Lot	Piece	Serial	Parent Lot
1001132580	3,300.000	1,496.854	9330316	01		

Lot: 9330316

Tensile Test (US)

Direction	Tests	Ultimate (KSI)		Yield (KSI)		Elongation (%)	
		Min	Max	Min	Max	Min	Max
LT	02	80.8	81.2	70	70.6	13.5	13.5

Tensile Test (SI)

Direction	Tests	Ultimate (N/MM2)		Yield (N/MM2)		Elongation (%)	
		Min	Max	Min	Max	Min	Max
LT	02	557	560	483	487	13.5	13.5



Constellium



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
H
I
P

T
O


COPPER & BRASS SALES
1015 SAINT JEROME STREET
MISHAWAKA IN
46544
US

S
O
L
D

T
O

COPPER & BRASS SALES

PO BOX 5116
SOUTHFIELD MI
48086
US

COPPER&BR		110351732		4075		INCLUSION		Serial:20151014-0110351732		Pg 2of2																					
CUSTOMER PURCHASE ORDER NO. & ITEM 5400270564						Constellium ORDER NO. 148960			CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager																						
ALLOY 7075	CLAD	TEMPER T651	GAUGE 3.0300 in 76.96 mm	WIDTH 72.5000 in 1,842 mm	LENGTH 144.5000 in 3,670 mm																										
ITEM ORDERED SPEC PLATE, SAWED MILL FINISH																															
CUSTOMER SPECIFICATION AMS QQ-A-250/12A						DAS 14 1512/16 9.59																									
PART NUMBER ALFLR01006			B/L NUMBER 49885		DATE SHIPPED 10/14/2015																										
WT. SHIPPED 3300.000 LB		NO. OF PIECES 000001		GOVT. CONTRACT NO.																											
Chemistry (Actual) <table border="1"> <thead> <tr> <th></th> <th>SI</th> <th>FE</th> <th>CU</th> <th>MN</th> <th>MG</th> <th>CR</th> <th>ZN</th> <th>TI</th> <th>ZR</th> </tr> </thead> <tbody> <tr> <td>Core</td> <td>0.05</td> <td>0.15</td> <td>1.53</td> <td>0.05</td> <td>2.61</td> <td>0.20</td> <td>5.51</td> <td>0.02</td> <td>0.01</td> </tr> </tbody> </table>													SI	FE	CU	MN	MG	CR	ZN	TI	ZR	Core	0.05	0.15	1.53	0.05	2.61	0.20	5.51	0.02	0.01
	SI	FE	CU	MN	MG	CR	ZN	TI	ZR																						
Core	0.05	0.15	1.53	0.05	2.61	0.20	5.51	0.02	0.01																						
OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER																															
All material contained in this lot was cast and manufactured in the USA																															
QUALITY TEXTS: Constellium Rolled Products Ravenswood, LLC (Constellium) certifies that all metals and materials supplied are in compliance with European Union Directives 2002/95/EC and 2011/65/EU. Constellium further certifies that a copy of these directives, which provides restrictions on the use of certain hazardous substances (RoHS) in electrical and electronic equipment, have been received and read in their entirety. Constellium understand and agrees, as a supplier that it is responsible for meeting the requirements of the RoHS and RoHS2 directives.																															
THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. CHEMISTRY BY OES: ARKSPARK CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399 WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557 DUNS Number: 090570149; CAGE Code: 1YWL9 Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product. "END OF CERTIFICATION"																															
P-860-155D REVISED: 10 2014																															

KAISER ALUMINUM FABRICATED PRODUCTS

CERTIFIED TEST REPORT
http://Online.KaiserAluminum.com

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CUSTOMER PO NUMBER: 5400272057-10		WORK PACKAGE:	CUSTOMER PART NUMBER: ALFLR00983-48.5		PRODUCT DESCRIPTION: Sawed Plate
KAISER ORDER NUMBER: 1201375	LINE ITEM: 1	SHIP DATE: 10/10/2015	ALLOY: 7075	CLAD: BARE	TEMPER: T651
WEIGHT SHIPPED: 3262 LB	QUANTITY: 18 PCS EST.	B/L NUMBER: 2056384	GAGE: 0.2500 IN	WIDTH: 48.500 IN	LENGTH: 144.500 IN
SHIP TO: COPPER & BRASS SALES 5450 EAST HOME FRESNO, CA 93727 US			SOLD TO: COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US		

MHU 1937302: LOT 146059B1: 18 pieces

Certified Specifications

AMS 4045/RevK AMS-QQ-A-250/12/RevA ASTM B 209/Rev14 CMMP 025/RevU

Test Code: 1512

Test Results:

LOT 146059B1 CAST: 874 DROP: 16 INGOT: 5

Melted in USA
(ASTM E8/B557)
(EN 2002-1)

Tensile: Temper
T651

Dir/#Tests
LT / 02 (Min:Max)

Ultimate KSI (MPA) Yield KSI (MPA) Elongation %
84.9 : 85.7 74.4 : 75.9 12.0 : 12.3
(585 : 591) (513 : 523)

DAS
14 15/12/16
9-69

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.09	0.20	1.5	0.03	2.5	0.20	5.6	0.03	0.01	0.01	TOT 0.06

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
MIN	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	MAX 0.05
MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT 0.15

Aluminum Remainder

Plant Serial: 4393133

Kaiser Order Number: 1201375

Line Item: 1

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

Del.: 2404235417

CstAr

CstOr 271628

Wgt.: 26.570 LB

Date 12/02/2015

Thomas Sanchez

KAISER ALUMINUM FABRICATED PRODUCTS

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

Kaiser Aluminum
Trentwood Works
Spokane, WA 99215-5108
(800) 367-2586

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order: * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. * was melted in the United States of America or a qualifying country per DFARS 225.272-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.227 for domestic content. * has been thermally processed in compliance with AMS 2772, where applicable. * is mercury free, within the limits of detection of ASTM E1251 (<1ppm). * is in compliance with RoHS 2, European Union Directive 2011/65/EU. * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) 127907/2006. * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act. Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

JAMES HEMENWAY, LABORATORIES SUPERVISOR



Plant Serial: 4393133
Kaiser Order Number: 1201375
Line Item: 1

Page 2 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS CA LTD

Del.: 2404235417

CstAr

CstOr 271628

Wgt.: 26.570 LB

Date 12/02/2015



MATERIAL RECEIPT INSPECTION FORM

MATERIAL M7075 T6
 DATE 15/12/16

PO / BATCH NO 30542/11133829

MATERIAL CERT REQD yes
 QUANTITY RECEIVED 6
 QUANTITY INSPECTED 6
 QUANTITY REJECTED _____

THICKNESS ORDERED 1.750 X 4.500
 THICKNESS RECEIVED 1.825 X 4.525
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

Testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>14</u> DATE <u>15/12/16</u>	SIGNED OFF BY _____ DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 147075TL
 DATE 15/12/16

PO / BATCH NO 30542/133829

MATERIAL CERT REC'D Yes
 QUANTITY RECEIVED 14.27'
 QUANTITY INSPECTED 14.27'
 QUANTITY REJECTED _____

THICKNESS ORDERED 6.000X.250
 THICKNESS RECEIVED 6.125X.252
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY _____	DAS 14 9-89	SIGNED OFF BY _____	
DATE <u>15/12/16</u>		DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M7075T6
 DATE 15/12/16

PO / BATCH NO 30542/133829

MATERIAL CERT REC'D yes
 QUANTITY RECEIVED 11.08
 QUANTITY INSPECTED 11.08
 QUANTITY REJECTED _____

THICKNESS ORDERED 3.00X 7.500X16.62
 THICKNESS RECEIVED 3.130X 7.60X16.70
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>14</u>	SIGNED OFF BY _____		
DATE <u>15/12/16</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 1 of 9

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
----------	--	------------------------	--------------------------------------	----	--------------------------------	---------------	----------------

2	M303R0.375	303 Round Bar 0.375"	11/30/2015 Yes 11/30/2015		12.00 ✓ f	\$2.92	\$35.00
---	------------	----------------------	---------------------------------	--	--------------	--------	---------

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$35.00

3	M303R0.750	303 Round Bar 0.750	11/30/2015 Yes 11/30/2015		96.00 ✓ f	\$3.03	\$290.88
---	------------	---------------------	---------------------------------	--	--------------	--------	----------

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total: \$290.88

8015-11-27

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 2 of 9

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

4	M304R1.000	304 round bar 1.00	11/30/2015	12.00 ✓ f	\$5.73	\$68.80
			Yes			
			11/30/2015			

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Line Total: \$68.80

5	M6061T6B0.250X06.000	6061-T6 Bar .250 x 6.00	11/30/2015	24.00 ✓ f	\$3.85	\$92.45
			Yes			
			11/30/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$92.45

6	M6061T6B0.500X10.000	6061-T6 Bar .500 x 10.00	11/30/2015	12.00 ✓ f	\$12.72	\$152.65
			Yes			
			11/30/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015

2015-11-27



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 3 of 9

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA -- (Free Carrier)

Line Total: \$152.65

7 M6061T6B1.250X01.250 6061-T6 Bar 1.25 x 1.25 11/30/2015
Yes
11/30/2015

12.00

\$3.94

\$47.30

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$47.30

8 M6061T6B4.500X4.500 6061-T6 AluminumBar 11/30/2015
4.500" X 4.500" No
11/30/2015

8.00

\$64.00

\$511.97

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: PLEASE CUT IN SECTION OF 4 FT

Line Total: \$511.97

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 4 of 9

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

9	M6061T6R0.750	6061-T6 Round Bar .750"	11/30/2015	24.00	f	\$1.46	\$35.00
			Yes				
			11/30/2015				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$35.00

10	M6061T6R1.000	ROUND BAR 1.00"	11/30/2015	12.00	f	\$2.92	\$35.00
			Yes				
			11/30/2015				

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$35.00

11	M6061T6S.032	6061-T6 Sheet 0.032"	11/30/2015	144.00	sf	\$1.92	\$276.30
			Yes				
			11/30/2015				

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015

144.00
sf
DEC 07 2015
DAS
26
9-RR
2015-11-27



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 5 of 9

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

					Line Total:	\$276.30
12	M6061T6S.090	6061-T6 .090 Sheet	11/30/2015	48.00 ✓	\$4.45	\$213.50
			Yes	sf		
			11/30/2015			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

					Line Total:	\$213.50
13	M7075T6B1.250X2.000	7075-T6 BAR 1.250" X 2.000"	11/30/2015	24.50 ✓	\$19.14	\$468.82
			Yes			
			11/30/2015			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 6 of 9

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

14	M7075T6B1.750X04.500	7075-T6 BAR 1.750" X 4.500"	11/30/2015	6.00	✓	\$63.73	\$382.37
			Yes	f			
			11/30/2015				

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$382.37

15	M7075T6B3.000X7.500	7075-T6 BAR 3.000' X 7.500" (order in billets)	11/30/2015	11.08	✓	\$134.48	\$1,490.00
			Yes	f			
			11/30/2015				

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

CUT TO SIZE: 16.625" X 8 PCS GRAIN DIRECTION ALONG 16.625"

Line Total: \$1,490.00

225-12-14

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 7 of 9

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

16 M7075T6B6.000X0.250 7075-T6 BAR 6.000" X 11/30/2015
0.250"

Yes

11/30/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

14.27

\$18.39

\$262.50

f

17 M6061T6B30000X01.500 6061-T6 Bar 3.00 x 1.50 11/30/2015

Yes

11/30/2015

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

12.00

\$11.81

\$141.75

f

18 M6061T6B1.000X02.000 6061-T6 Bar 1.00 x 2.00 11/30/2015

Yes

11/30/2015

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

12.00

\$5.92

\$71.05

f

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30542**

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 8 of 9

Order From: VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To: DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

					Line Total:	\$71.05
19	M6061T6R3.000	6061-T6 RD BAR 3.000"	11/30/2015	FN	12.00 ✓ f	\$19.50 \$234.00
			Yes			
			11/30/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221
NOTE: PLEASE CUT IN HALF 2 SECTION OF 6 FT

					Line Total:	\$234.00
20	71401-45	PROCUREMENT QUALITY CLAUSES	11/30/2015		1.00 ✓	\$0.00 \$0.00
			No			
			11/30/2015			

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

SP15-11-27

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note:

11/24/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
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PURCHASE ORDER

Purchase Order ID PO30542

Purchase Order Date 11/23/2015

PO Print Date 11/24/2015

Page Number 9 of 9

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$4,809.34

h
CL

PO Instructions: NO. PEC ST-869586
NO. PEC ST-870627

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 6

Change Date: 11/24/2015